

**Before the  
Federal Communications Commission  
Washington, D.C. 20554**

|  |   |                      |
|--|---|----------------------|
| In the Matter of                       | ) |                      |
|  | ) |                      |
| Requirements of Waiver Recipients for  | ) | PS Docket No. 06-229 |
| Early Deployment of an Interoperable   | ) |                      |
| Public Safety Broadband Network in the | ) |                      |
| 700 MHz Band                           | ) |                      |

**QUARTERLY REPORT # 5 BY 700 MHz PUBLIC SAFETY BROADBAND  
WAIVER RECIPIENT - THE CITY OF MESA ON BEHALF OF THE TRWC**

As required by FCC Waiver Order 10-79, the City of Mesa, as the Administrative Manager of the TOPAZ Regional Wireless Cooperative (TRWC), hereby files the 5th Quarterly Status Report due on July 19, 2011.

**I. Planning**

**Expected timing for development and issuance of any RFI/RFP**

- A. No change from April 2011 report.
- B. The City of Mesa issued a Request for Proposal (RFP) on November 2, 2010 for a 700MHz LTE Broadband Wide-Area Mobile Data Network. The vendor proposals were received and reviewed.
- C. The City of Mesa has been actively participating in conference calls with the FCC, PSST and other waiver recipients. This also includes coordination discussions with neighboring waiver applicants & recipients and the State of Arizona Public Safety Interoperable Communications Office (PSIC).

**II. Funding**

**Status of efforts to obtain funding for planning and/or deployment, including budgeting, assessments, grants or other means**

- A. No change from April 2011 report.
- B. No change from previous reports. The City of Mesa did not receive BTOP grant funding.
- C. Public Safety bond funding is available for the replacement of the obsolete narrowband UHF data network.

**III. Deployment**

**Status of equipment development and purchase, including number of devices and users**

- A. No change from April 2011 report.
- B. Awaiting FCC ruling on City of Charlotte request for a declaratory ruling of Section 337 on eligible users.

**Site development, including use of existing towers**

- A. No change from April 2011 report.
- B. Final system design will be developed in the design process. Existing municipality owned tower sites, will be utilized as much as possible. Existing microwave infrastructure and fiber optic circuits will provide sufficient bandwidth for the backhaul. Requirements for any new tower sites will depend on the final system design established in the final design.

**Deployments and upgrades (commencement and completion), including site information and location.**

- A. No change from April 2011 report.
- B. Final design and deployment timeline will be developed in the RFP process.
- C. City of Mesa will ensure that all public safety agencies operating within the geographic areas covered by Mesa's network will have access to the network.

**Applications in development or in use**

- A. No change from April 2011 report.
- B. There are no applications in development or in use at this time. City of Mesa expects to deploy a network that supports the applications as described in paragraph 46 of the waiver order.